

## MAXINKUCKEE

### Most Thoroughly Studied Body of Water in the World.

United States Fish Commission Knows All About Our Beautiful Lake—Some Interesting Facts About Its Fish and Turtles as Well as Its Physical Characteristics—Edibility of the Coot.

WASHINGTON, Nov. 30.—On the Mall, where Sixth street intersects, not far from the Pennsylvania station, stands an unpretentious three-story brick building, the home of the United States Fish Commission, presided over by Geo. M. Bowers, commissioner. The entire lower floor is used as a museum, though this does not seem to be generally known. One tank will arouse the curiosity of an Indian. It bears the label:

#### TURTLES FROM LAKE MAXINKUCKEE.

Common soft-shelled turtle (*Aspiderochelys spinifer*); common Snapping turtle (*Chelydra serpentina*); common.

Musk turtle, or stink pot (*Amphichelys odoratus*); common.

Map turtle (*Graphemys geographica*); abundant.

Painted turtle (*Chrysemys marginata*); abundant.

Speckled tortoise (*Emmys guttatus*); rare.

Blanding's tortoise (*Emydoidea blandingi*); very rare.

In other tanks are bass, trout and fish of all kinds, from Maine to California. Close to the turtles is a mammoth sea otter, stuffed, from Pribilof island, Alaska. There are models of fishing smacks from Gloucester, bluefish jiggers with mirror attached, squid lines, lobster pots, eel traps, brush weir, fishslides, gill nets, oyster tongs and nipples, sinkers, floats, swivels, gaffs, spreaders, hand claws, harpoons, spears, and all sorts of fishing tackle. Among the more interesting are the nets and traps of grasses and reeds from Porto Rico and the Philippines.

Dr. B. W. Evermann, ichthyologist of the United States Commission of Fish and Fisheries, is an Indiana man. His early life was spent on a farm near Burlington, Carroll county. In 1886 he was graduated from the state university and later became professor of biology at the state normal school at Terre Haute. When it was proposed by the fish commission to make a complete scientific study of a small interior body of water, compiling all the data bearing infamy way on fish culture, foods, climate, conditions, etc., he recommended Lake Maxinkuckee.

"Maxinkuckee is the most thoroughly studied and investigated body of water, scientifically, in the world," said Dr. Evermann. "We began operations in 1899. Since then we have pursued our investigation summer and winter and our report, which will make a book of probably 300 pages, will soon be out. H. Walton, Clark, of Ft. Wayne, a graduate of the state university, has made the observations during the last year. The report, besides being illustrated, will contain topographical maps of the lake. The deepest hole in the lake is eighty-six feet. The average of the deep water is twenty-five feet. The map will show bars, channels and long depressions. The lake is 2.5 miles long and 1.75 miles wide.

"I have fished in lakes in every state in the union, and find that Maxinkuckee leads in the number of species and the number of food fish. There are fifty-two species, more than a dozen of which are food fishes. Two new species of the darter family have been found there, and the lake has been perpetuated in science by the name given them—*hadropterus maxinkuckiensis* and *ethestoma aubenaubei*. Both are found in Aubenaubee creek, known as the "inlet." The food fishes, fourteen in number, are small-mouthed black bass, the large-mouthed black bass or straw bass, the wall-eyed pike (commonly called salmon, which it is not), rock bass or goggle-eye, war-mouth bass, strawberry bass, crappie, yellow perch, pumpkin seed, blue-gill,

red-eared sunfish, eel, yellow cat and bull-head.

"We have noted at least 151 species of birds in the neighborhood of the lake. Twenty-five species of mammals haunt the shores. There are fifteen kinds of snakes, including the 'rattler'; three hundred species of flowering plants, a dozen species of frogs, toads, etc.; twenty-five kinds of mollusks and shells; and myriads of insects, including a dozen varieties of mosquitoes. There are eight or ten varieties of freshwater clams, with shells, however, too thin for the pearl-button industry. There are six kinds of leeches, most of which adhere to the turtles and are not dangerous.

"The turtles in the tank were sent by Mr. Clark a short time ago. We have one other species from the lake, a land turtle, terrapine Carolina, which is very rare.

"There is little danger of the lake being 'fished out.' Fishes multiply rapidly and if the lake is stocked with one or two plants a year the proportion will be decreased very slightly. These are questions of state regulation we do not deal with. In 1889 and 1891 I put about 700 young bass in the lake through the courtesy of the Vandalia Railroad company. I was then at Terre Haute, and I noticed that in times of high water in the Wabash the young were left in pools and puddles, which soon dried up. I gathered and sorted the food fishes and sent many of them to Maxinkuckee. The idea has since been acted upon by the United States commission, and many of our substations have no hatcheries, but depend upon the overflows for the supply for distribution."

#### FISH PLACED IN THE LAKE.

The plants that have been placed in the lake are:

1880, Feb. 15, lake trout yearling.....	1,900
1891, Jan. 14, lake trout yearling.....	3,250
1891, June 12, pike perch and salmon fry.....	800,000
1892, Nov. 10, lake trout yearling.....	2,531
1892, Nov. 10, black bass yearling.....	1,190
1892, Nov. 10, warmouth bass yearling.....	400
1892, Nov. 10, crappie yearling.....	50
1892, Nov. 10, yellow perch yearling.....	385
1894, March 10, lake trout yearling.....	2,996
1894, May 4, pike perch fry.....	2,000,000
1896, Dec. 29, black bass yearling.....	2,200
1896, Dec. 29, crappie yearling.....	1,600
1896, Dec. 29, crappie adult.....	300
1898, Oct. 20, black bass yearling.....	800
1898, Oct. 29, crappie.....	500
1898, Aug. 23, large-mouth black bass adult.....	5,193
1900, May 16, pike perch fry.....	860,000
1901, Aug. 23, black bass.....	800
Black bass in 1899-90 by Evermann.....	750

Total..... 3,623,850  
The trout did not thrive, probably because the water was too warm. None has been seen since. The last plant in August was made at the request of W. T. Wilson, of Logansport, secretary of the Maxinkuckee association, which has taken much interest in the Government work at the lake. The observations cover a multitude of subjects, the temperature of the air is taken twice a day and that of the water at various depths is noted frequently. The direction and velocity of the wind is recorded and the rainfall gauged. The habits and food of the fishes at various seasons are accurately recorded. The latter is obtained by the daily examination of the contents of the stomachs of such as may be caught. The formation of the ice is also a matter of record.

In Dr. Eyerman's report, maps will show the location and character of the vegetation of the lake. Dr. Evermann has just read a paper before the Washington Society of Biology on the coot, as studied at Maxinkuckee. This paper will probably be a part of his report. Contrary to common opinion, he says that the coot is edible, and, in fact, is equal to the canvas back duck in flavor and quality, and that it is only occasionally when fed on

strong food that it is unpalatable.

"Anyone who makes application is supplied in turn. The man who has a quarry pond, or a small stream on his land, with low ground for a pool, can have an abundant supply of fish for his own use with little trouble. Most bodies of water contain a sufficient food supply. It is an advantage sometimes to feed minnows and insects to the bass, and bread crumbs, boiled potatoes, etc., to the carp and catfish. Like abundant food everywhere, it increases the size and numbers. In most instances this is not necessary, for a food supply is one of the conditions we determine in granting an application.

W. S. WRIGHT.

#### WINNING THE MARKETS

British Merchants Learn What America is Doing.

LONDON, Nov. 29.—Seymour Bell, the commercial agent of Great Britain in the United States, expounded his views on American trade competition at the London chamber of commerce yesterday. He said that all America wanted from abroad was daily getting smaller, but that Great Britain was being cut out of even this small portion of the market by France and Germany. Bell attributed this to Great Britain's backwardness in using labor saving machinery. He declared the working classes of Great Britain must be educated up to them and be convinced that their use was essential before Great Britain could compete with America.

Bell also said there was no doubt that the reciprocity movement in the United States would result in the removal or reduction of many of the duties now enforced, but it would be in the case of articles in which the United States was quite safe from foreign competition.

One of the merchants present declared that American trade was completely ousting British trade from Central and South America.

#### Irish Patriot Is Dead.

CHICAGO, Nov. 29.—Martin Hogan, the Irish patriot, who has been lying at the county hospital for some days, is dead, aged ninety-three years. Hogan, together with others interested in the Fenian movement, were convicted of treason in 1866 and transported to the English penal colony in Australia. In 1869 Hogan and his companions, excepting John Boyle O'Reilly, who had previously escaped, were rescued by a boat which had been fitted out for the purpose by British sympathy.

#### Suicide of an Embezzler.

LOUISVILLE, Ky., Nov. 29.—Louis R. Young, treasurer of this city, son of a wealthy family, committed suicide by shooting Wednesday night because of the exposure of a shortage of \$40,000 in his office. He was recently married and incurred heavy losses playing the races.

## Neuralgia.

### The Prayer of a Nerve for More Blood.

Neuralgia may attack any part of the body but most frequently occurs where the nerves are most abundant. In the head. In the face. Sometimes the heart nerves seem to twist. Twisting rheumatic pains of the extremities. Sharp and intense at times. In the intervals dull and heavy. Neuralgia is the result of impoverished blood, caused by impairment of the nervous system. It is a disease of the nerve centers, and the pains accompanying it are a prayer for better nourishment. They are the danger signals which warn you against a total collapse of the nervous system. Remedies and all external applications can only give temporary relief. Permanent cure cannot possibly come until the nerve centers are thoroughly revitalized by Dr. A. W. Chase's Nerve Pills. The beneficial effects of this great nerve restorative are felt thrillingly through the nerve fibers as week by week and month by month the nerve force of the body is restored. Women afflicted with diseases peculiar to their sex are frequently great sufferers from neuralgia. Dr. Chase's Nerve Pills is positively and both these disorders by filling the nervous system with new vigor and life. Go onto a box at all dealers, or Dr. A. W. Chase Medicine Co., Buffalo, N. Y. The genuine has portrait and signature of Dr. A. W. Chase on each package.

Mrs. J. H. Warrick, of No. 280 Philadelphia St., Indiana, Pa., says: "I can recommend Dr. A. W. Chase's Nerve Pills to anyone who suffers as I did with nervous sick headache—neuralgia of the head and a weakened stomach digestion. They stopped the headache, the neuralgia disappeared and with it the stomach trouble."

SOLD IN PLYMOUTH BY J. W. HESS

## A ROMANCE OF REAL LIFE

### Remarkable Story of a Husband's Unexpected Discovery of His Wife After Seven Years of Separation—Scene in a Justice Shop.

CHICAGO, Nov. 29.—Prayers of thanksgiving and loud smacking of lips followed by sobs of joy interrupted proceedings in Justice Martin's court when, after seven years of separation, James Wilter, a farmer in New York state, unexpectedly met his wife, for whom he had searched in vain and whom he came to meet in response to bogus letters sent by Chicago confidence men who fleeced him out of several dollars. When Wilter reached the court he intended to swear out warrants for his enemies, but he found his wife on the witness stand and forgot all about the warrants. There is an empty flat now in South Chicago, and a middle-aged couple—as two of the youngest cooing lovers—have gone to their home near Buffalo, where they had a Thanksgiving dinner of their own. Incidentally a crowd of confidence men who robbed the farmer of his money may thank fortune that there will be no prosecution in that "deal" at least.

Wilter came to Chicago in 1892 with plenty of money. He married shortly thereafter. In 1894 he was left penniless. He sought work in vain and finally decided that he would leave his wife here and return to New York state, where he had friends and was known, and there start life over again. He expected to send for his wife in a few weeks. The house in which Mrs. Wilter lived in the west side burned down and when Mr. Wilter sent for her she could not be found. Then she was taken sick as the result of the fright received during the fire and was taken to a hospital. She moved to South Chicago, where she had relatives, and worked for a living assisting in dressmaking.

Wilter regained his foothold and quickly made money. He again wrote his wife, but received no word. He advertised in Chicago papers and throughout the west, but there was no clew. Then he offered a reward for \$300 and sent word to various detective agencies, but everything seemed in vain.

A few days ago he received word from a man in Chicago, who signed himself Wm. Hicks and who said he knew the whereabouts of Mrs. Wilter. The anxious husband telegraphed and in return received a letter purporting to have been dictated by Mrs. Wilter on her dying bed.

Without much more thought Wilter took the next train and hurried to Chicago. He reached the city at night and went to 22nd street, near State, to a number given him at the place to meet "Hicks." There a man met him and said his wife lived in the west side in Halstead street, near West Taylor. Thither he went with the man. In the corridor the two men met a woman, who said Mrs. Wilter was very low and under a doctor's care. They entered a room and a man, who was introduced as a doctor, met them. Then "Hicks" asked that Wilter pay the money of the reward.

Wilter wanted to see his wife, but the alleged doctor said it was not safe, whereupon Wilter refused to pay. Thereupon the woman who had met them said she would go out and get some beer, and after drinking one glass of it Mr. Wilter lost consciousness. When he awoke next morning the \$400 he had carried were missing from his pockets.

When Wilter came to the justice court Mrs. Wilter was on the witness stand testifying in behalf of a woman being sued. Wilter saw his wife, forgot the money lost, and rushing to her cried with joy. He told his story in open court to Justice Martin, and a crowd of people and then publicly kissing his wife he offered a prayer to God for having found her.

Dr. S. Mitchell, Fullford, Md., says: "During a long illness I was troubled with bed sores, tried DeWitt's Witch Hazel Salve and was cured." Cures piles, sores, and burns. Beware of counterfeits, J. W. HESS.

## THE HEAVENLY PLANETS

### IN MONTH OF DECEMBER.

By Henry Norris Russell, Ph. D.

A triple planetary conjunction, no less remarkable than that of last month, takes place about the 15th of December. Jupiter and Saturn participate in it, as they did in the last one, but the third body is Mars. Moving slowly eastward, he passes Saturn in the morning of the 14th, and Jupiter on that of the 17th. While the two larger planets appear farther apart than a month ago, Mars passes much nearer them than Venus did. Unfortunately, all three are so near the sun, and in consequence so deep in the evening twilight, that Jupiter should be easily visible, and Saturn without much difficulty. The best time to look for them will be about half an hour after sunset.

The familiar winter constellations may be dismissed briefly. At 9 p. m., on December 15, Vega is just setting in the northwest, below Cygnus. Pegasus is low in the west, Andromeda above him, and Perseus in the zenith. Pisces, Cetus, and Eridanus fill the southern sky.

Gemini and Orion are well up in the east and southeast, with Auriga and Taurus above. The two dog-stars, Procyon and Sirius, lie below them. Cassiopeia is above the pole, Ursa Minor and Draco below, and Ursa Major on the right of the last.

Mercury is morning star throughout the month, but can only be seen during its first few days, as he is afterward too near the sun.

Venus is evening star in Capricornus. On the 4th she reaches her greatest elongation, being 47 deg. east of the sun. She approaches the earth and increases in brightness all through the month, and as she is also moving northward, she becomes much more conspicuous, being visible for more than three hours after sunset. At the beginning of the month she appears telescopically as an exact half-moon, but by the end she has become a pronounced crescent.

Mars is evening star in Sagittarius, too near the sun to be well seen.

Jupiter and Saturn are also evening stars in Sagittarius, close together, but gradually drawing apart. By the end of the month they are too near the sun to be conspicuous.

Uranus is in conjunction with the sun on the 9th, and is quite invisible.

Neptune is in Gemini. He comes to opposition on the 22nd, but can only be well seen with a large telescope.

The last quarter of the moon occurs on the afternoon of the 2d, next morning on the evening of the 10th, first quarter on the afternoon of the 18th, full moon on the morning of the 25th, and last quarter again on the morning of January 1.

The moon is nearest us on the 23d, and farthest away on the 8th. She is in conjunction with Mercury on the afternoon of the 9th, Uranus on that of the 10th, Mars, Jupiter and Saturn on the night of the 12th, Venus on the morning of the 15th, and Neptune on the night of the 25th.

At 7 o'clock on the morning of the 22d, the sun enters the sign of Capricornus, and, according to the almanacs, winter begins.

## Repairing Neatly Done

Never thought of such a sign for a medicine did you? Well, it's a good sign for Scott's Emulsion. The body has to be repaired like other things and Scott's Emulsion is the medicine that does it.

These poor bodies wear out from worry, from over-work, from disease. They get thin and weak. Some of the new ones are not well made—and all of the old ones are racked from long usage.

Scott's Emulsion fixes all kinds. It does the work both inside and out. It makes soft bones hard, thin blood red, weak lungs strong, hollow places full. Only the best materials are used in the patching and the patches don't show through the new glow of health.

No one has to wait his turn. You can do it yourself—you and the bottle.

This picture represents the Trade Mark of Scott's Emulsion and is on the wrapper of every bottle. Send for free sample.

SCOTT & BOWNE, 405 Pearl St., New York. 50c. and \$1. at druggists.

## There are Books and Books, but the Greatest of These is the Bible!

NO Household is really complete without a Bible, no matter how much other choice reading may be on hand. We have a complete line—beyond a doubt, the largest in the entire country—bound in a variety of styles—with and without the marginal notes. Prices range from 25c to \$6.00, but at \$ we have perhaps the most popular edition ever published. At the price it is a splendid bargain—a book eminently fit for personal use or as a gift to one's best friend.

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## What She May Expect.

The Goal of Love is Marriage and the Goal of Marriage is Maternity.

When a young man and young woman are very much in love every step of life they take is timed to the music of the wedding march. The happy consummation may be years away, but down the path of the years the clear eyes of love discern the spot which some day they shall call home. And when the marriage is consummated and the home founded another thought begins to fill the minds of wife and husband, a thought that lies too deep for words, the thought of a cooing baby voice, of



the patter of tender baby feet and the music of happy baby laughter. If the love of man and woman leads to marriage, and marriage leads to motherhood, what is the plain and obvious duty of the woman about to assume the obligations of wifehood and motherhood? It is her duty to prepare herself for her own sake and the sake of the children that may be given her, as well as for the sake of her husband and her home.

#### HOW TO PREPARE.

The first thing to do is to cure diseases of the delicate organism which undermine the health and strength. Regularity should be established, disordered and weakening drains must be stopped, weakness must be cured.

"I have taken six bottles of Dr. Pierce's Favorite Prescription," writes Miss M. Fyfe, of Orella, Simcoe Co., Ont., "and two bottles of the 'Pleasant Pellets,' as you advised for congestion of the uterus, and for weakness, and can safely say that your medicine has been the means of restoring me to good health again, which I had not had for over three years, until taking your medicine. I thank you for your kind and prompt attention to my letter asking advice." Dr. Pierce's Favorite Prescription meets the needs of women at every period of life. It is invaluable in that transition period when the girl becomes a woman, establishing regularity and promoting the general health. It dries off excessive and enfeebling drains, heals inflammation and ulceration and cures female weakness. From the time of the first change from girlhood to womanhood until the last change of life, in all the weakness of womanhood and trials of motherhood Dr. Pierce's Favorite Prescription is a true woman's friend. It makes women strong and well.

"It is a pleasure for me to recommend your medicine, 'Favorite Prescription' and 'Golden Medical Discovery,'" writes Mrs. Rhoda Russell, of Corbet, Navarro Co., Texas. "I had suffered for years with a disagreeable drain and other female troubles, but now, thanks to your medicines, I am much better and your medicines have done me more good than all else. I took nine bottles of Favorite Prescription and six of 'Golden Medical Discovery.' Had it not been for Dr. Pierce's medicines no doubt I would have suffered continually the rest of my life. I shall always praise these preparations. The cost of them is so little compared with the good I felt, yet I owe you for what you have done for me."

THE NEXT STEP In wisely preparation is to prepare for motherhood. Preparation by the use of Dr. Pierce's Favorite Prescription will give bodily strength and mental cheerfulness. It will banish that feeling of fear and apprehension which so many women suffer from at this time. It will encourage the appetite, induce refreshing sleep, and make the baby's advent practically painless.

"I was pleased that Dr. Pierce answered my letter," writes Mrs. C. W. Young, of 21 South Regent Street (Lee Park), Wilkesbarre, Penna. "I had several misadventures before my husband persuaded me to take your medicine. My back used to almost break when at work and I would get sick at my stomach and have such headaches I did not know what to do; they used to set me nearly crazy, and I used to dread to get up, I felt so bad. Then I began taking your medicine. When baby was expected I took it all the time I was that way. I felt fine all the time and I never get those dizzy spells now. I hardly ever have a nervous headache any more. I have a perfect romp of a boy; he is the light of our home. I am now twenty years old and my baby is almost eight months old. I feel well, and weigh 184 pounds, and the baby 22 1/2 pounds. We feel very grateful for the good your medicine did for us. We are both hearty, thanks to Dr. Pierce's medicine."

#### FOR BABY'S SAKE

the use of Dr. Pierce's Favorite Prescription is advised for all expectant mothers. It not only helps the mother but helps the child. All the child's strength must come from the mother. "Favorite Prescription" gives the mother strength to give her child.

There is no alcohol in "Favorite Prescription" and it is absolutely free from opium, cocaine and all other narcotics. Women suffering from chronic ailments are invited to consult Dr. Pierce by letter free. All letters are privately read and answered and the written confidences of women are guarded by the same strict professional privacy observed by Dr. Pierce in his personal consultations with women at the Invalid Hotel and Surgical Institute. Address Dr. R. V. Pierce, Buffalo, N. Y.



The invitation to consult Dr. Pierce by letter free is not to be confounded with the spurious offers of medical advice which are made by irresponsible persons without knowledge or professional experience. YOUNG MARRIED PEOPLE and those looking forward to marriage will find Dr. Pierce's Common Sense Medical Adviser an invaluable guide to health and happiness. This great work containing 1000 large pages, is sent free on receipt of stamps to pay expense of mailing only. Send 21 one-cent stamps for the book in paper covers, or 31 stamps for the cloth-bound volume. Address Dr. R. V. Pierce, Buffalo, N. Y.